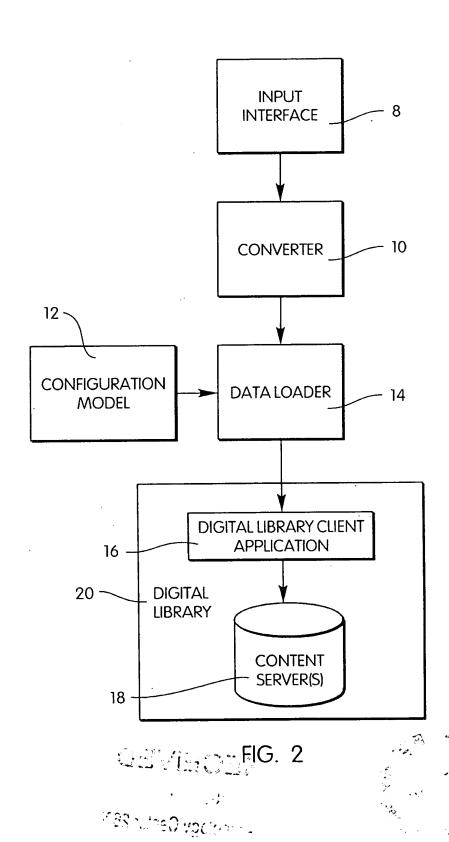


FIG. 1

. .

CLASS: 715 SUBCLASS: 514



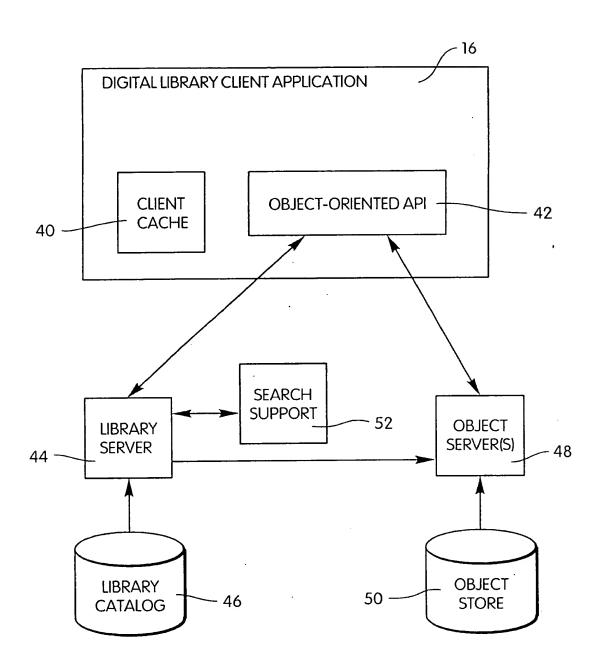


FIG. 3

PARTS TABLE OBJECT PART **REP TYPE** ITEM ID **SERVER NUMBER** OBJECT SERVER TABLE FILE ITEM ID **PART** REP TYPE NAME NUMBER

FIG. 4

OBJECT

- 66

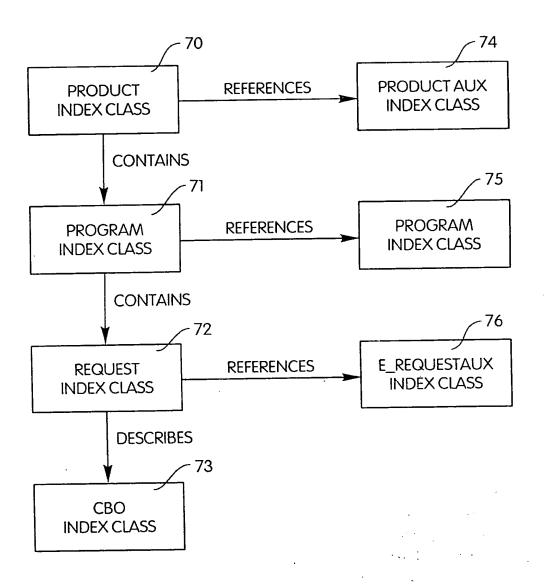


FIG. 5

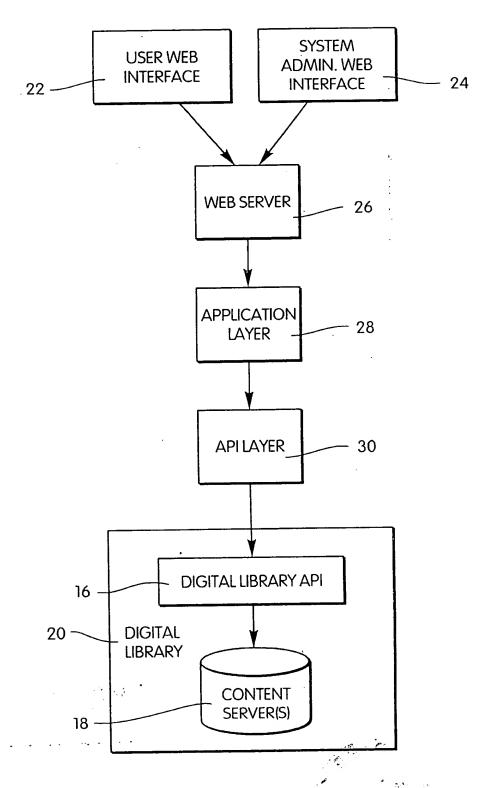


FIG. 6

CBO_ID ATTRIBUTES PARTNUMS

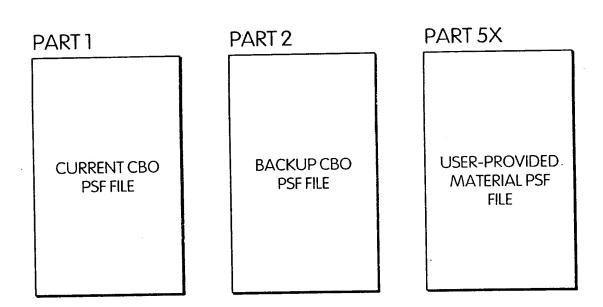


FIG. 7



HOME | ABOUT E SOURCE | REGISTER LOGIN | LIBRARY | MY BOOK OUTLINE | FACULTY RESOURCES | HELP

▶ Register

Remember Me

Change Profile

▶ Contact Us

102

LOGIN

Please enter your Username and Password below.

If you have not registered with us, please **Register** now to gain instant access to all ESource features.

Forgotten your username or Password? Try **Remember Me**. To change your existing profile, use **the Change Profile** option. Please note that:

- Login requires valid Username Or valid Password.
- Remember Me requires valid Username Or valid Password.
- Change Profile requires valid Username Or valid Password.

Note: Both usernames and passwords are case sensitive

EMISSARY

(C) 1998, 1999, 2000 BY PRENTICE HALL INC



HOME | ABOUT E SOURCE | REGISTER LOGIN | LIBRARY | MY BOOK OUTLINE | FACULTY RESOURCES | HELP

Contact Us	REGISTER
	Registration, Page 3 of 3
	Please provide some additional information about yourself, The asterisk
	symbol (*) ind entifies required entries
	* Username * University ENTER YOUR UNIVERSITY HERE
,	* Department
	* Email Address
	Your Email address is important. All future communications will rely
	on your Email address, including our ability to send you information
	on your custom products and user profile.
	Title
	* First name
	* Last name
	* Address Line 1
	* Address Line 2
	* Address Line 3
	* City
	* State/Province Please Select T
	* Zip/Postal Code95141
	* Country United States
	Phone
	In order to assist you in remembering your profile in the future please provide us with a Secret Word Type (description or hint) and a Secret Word. You will be able to see this category in the future by providing you email address or Username.
	* Secret Word Type For example: Mothers Maiden Name, City of Birth
	* Secret Word
÷ •	* Secret Word (Verify)
	Continue 110
1	

FIG. 8B



HOME | ABOUT E SOURCE | REGISTER LOGIN | LIBRARY | MY BOOK OUTLINE | FACULTY RESOURCES | HELP

Contact Us

REGISTER

Thank you for Registering

We have received your registration information and will allow you to access ESource with Guess Access. Please print this page for your reference. Your Profile is as follows:

Username: Ingridmf Password: Guest

E-mail: ingridf@us.ibm.com

Name: Ingrid Foerster

University: ingridf@us.ibm.com

Department: J46

Address: 555 Bailey Ave. Santa Teresa, CA 95141 United States

Phone:

Secret Word Type: Pet name Secret Word: ****

You now will be able to view, search, select, and build custom publications. Once your registration is validated by Prentice Hall you will automatically receive a Full Access password. Full Access is necessary to receive an ISBN to fulfill an order for any book you build. You may submit an order with Prentice Hall before you receive Full Access, but we will need to validate your registration before sending you an ISBN for your custom publication.

To begin using Esource please login with your new Username and Password. Please contact your Prentice Hall Representative if you experience any difficulty.

Please Login Now



HOME | ABOUT E SOURCE | REGISTER LOGIN | LIBRARY | MY BOOK OUTLINE | FACULTY RESOURCES | HELP

QUICK HELP

WELCOME

	• •	Welcome Ms	s. Ingrid l	Foerste	er — III
Unive	rsity	Santa Teres	a Labs.		
Depa	rtment	J46			
Acces	Access Level This level allows you to create custom products and place order requests.				
	You	r Custom Bo	ok Outlir	1es —	— 113 ————
Му	Custon	Book Title	Last Date	Status	Request ID
E	My Nev created	w ESource Book on 12/20/1999 at 16:43:17	12/20/1999	Active	N/A

To create new Custom Book Outline click on the red "CBO" button here



To start building your online, click on <u>Library</u> to select ESource content for your custom book

Users who are returning to work on a active outlines should select their outlines from the list above.

Need more help? <u>Click here for a quick How To</u>, or go to <u>Help</u> for more extensive information

EMISSARY



HOME | ABOUT E SOURCE | REGISTER LOGIN | L1BRARY | MY BOOK OUTLINE | FACULTY RESOURCES | HELP

QUICK HELP

WELCOME

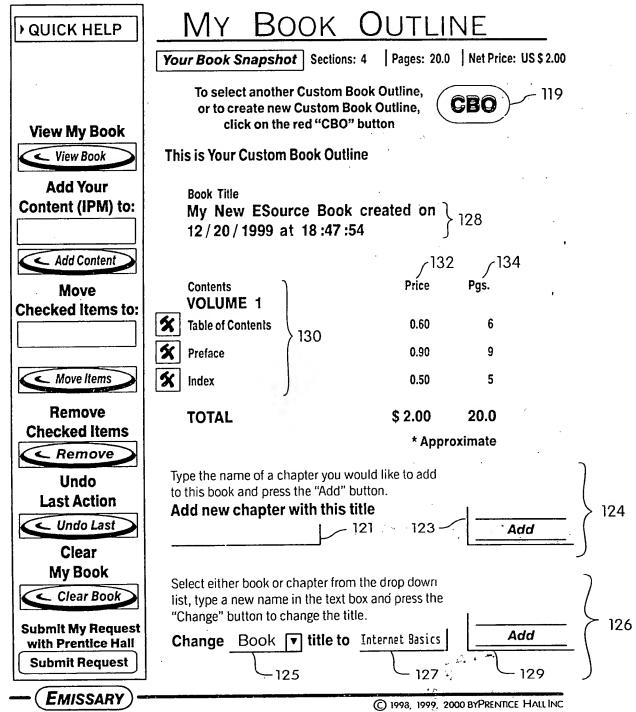
Welcome Homeboy Flash Gordon — 111					
University					
Departme		ng			
Access Le	Access Level Full Access This level allows you to create custom products and place order requests.				
Y	our Custom Bo	ook Outli	nes —	– 113	
My Cus	tom Book Title	Last TS Date	Appr. Status	Request ID	} 114.
_116	New Custom Book	07/27/1999	Rejected	ESOU001051	
CBO	Boys don't cry	10/28/2000	Submitted	ESOU001057	
CBO	What do you mean?	09/02/1999	Completed	ESOU002051	
CBO	Flash, I love you	09/02/1999	Completed	ESOU001058	
CBO	He'd save everyone one of us	08/19/1999	Approved	ESOU002009) > 115
CBO	12 hours to save the earth	09/23/1999	Completed	ESOU002373]:/
CBO	Holy Smokes Bateman	07/23/1999	Active	N/A	
CBO	A Really Really Really Long	07/23/1999	Active	N/A	

(CBO)

FIG. 9B



HOME ABOUT E SOURCE REGISTER LOGIN LIBRARY MY BOOK OUTLINE FACULTY RESOURCES HELP





with Prentice Hall **Submit Request**

EMISSARY

THE PRENTICE HALL ENGINEERING SOURCE

HOME | ABOUT E SOURCE | REGISTER LOGIN | LIBRARY | MY BOOK OUTLINE | FACULTY RESOURCES | HELP **QUICK HELP** Your Book Snapshot | Sections: 4 Pages: 20.0 Net Price: US \$ 2.00 To select another Custom Book Outline, CBG or to create new Custom Book Outline, click on the red "CBO" button View My Book This is Your Custom Book Outline ✓ View Book **Add Your Book Title** Internet Basics 128 Content (IPM) to: **Add Content** Contents Price Pgs. Move **VOLUME 1** Checked Items to: **Table of Contents** 0.60 **Preface** 0.90 . Move Items Index 0.50 Remove TOTAL \$ 2.00 20.0 **Checked Items** * Approximate Remove Type the name of a chapter you would like to add Undo to this book and press the "Add" button. **Last Action** Add new chapter with this title **Undo Last** New Chapter Title Clear My Book Select either book or chapter from the drop down Clear Book list, type a new name in the text box and press the "Change" button to change the title. **Submit My Request**

© 1998: 1999, 2000 BYPRENTICE HALLING

9

5

Add

Change

Change Book ▼ title to



HOME | ABOUT E SOURCE | REGISTER LOGIN | LIBRARY | MY BOOK OUTLINE | FACULTY RESOURCES | HELP

Browse Library

▶ Search Contents

Ready Made Books

240 BROWSE LIBRARY

Select a title below to view its table of contents and start adding its contents to your book. You may also search for specific topics by keyword using our search option. Also, preview ready made custom books for examples and ideas.

<u>Design Concepts for</u> Engineers,

Mark N. Horenstein Copyright © 1999, By PRENTICE HALL, INC.

Engineering Ethics.

Charles B. Fleddermann Copyright © 1999, By PRENTICE HALL, INC.

Introduction to AutoCAD,

Mark Dix, Paul Riley Copyright © 1999, By PRENTICE HALL, INC.

Introduction to C++,

Delores M. Etter Copyright © 1999, By PRENTICE HALL, INC.

Introduction to FORTRAN 90.

Larry Nyhoff, Stanford Leestma Copyright © 1999, By PRENTICE HALL, INC.

Introduction to Maple (R),

David I. Schwartz Copyright © 1999, By PRENTICE HALL, INC.

Introduction to Unix.

David I. Schwartz Copyright © 1999, By PRENTICE HALL; INC.

Introduction to the 138

Internet,
Scott D. James
Copyright © 1999 B

Copyright © 1999, By PRENTICE HALL, INC.

FIG. 11

Engineering Design,

Mark N. Horenstein Copyright © 1999, By PRENTICE HALL, INC.

Enginering Success,

Peter Schiavone Copyright © 1999, By PRENTICE HALL, INC.

Introduction to C,

Delores M. Etter Copyright © 1999, By PRENTICE HALL, INC.

Introduction to Excel,

David C. Kuncicky Copyright © 1999, By PRENTICE HALL, INC.

Introduction to

MATLAB (R),

Delores M. Etter, David C. Kuncicky Copyright © 1999, By PRENTICE HALL, INC.

Introduction to MathCAD.

Ronald W. Larsen Copyright © 1999, By PRENTICE HALL, INC.

Introduction to Word,

David C. Kuncicky Copyright © 1999, By PRENTICE HALL, INC.



HOME | ABOUT E SOURCE | REGISTER LOGIN | LIBRARY | MY BOOK OUTLINE | FACULTY RESOURCES | HELP

) Browse Library	Browse Library	,
	Your Book Snapshot Sections: 4 Pages: 20.0 Net Pri	ice: US \$ 2.00
Search Contents		باممط سمد
► Ready Made Books	Use this page both to view content and add content to your cus For additional help with using this page, click on the Quick Help the left.	
	<u>Introduction to the Internet</u>	
QUICK HELP	C 146 Scott D. James	
	Contents — 142 Pr	rice Pgs.*
ADD	CHAPTER 1: Introduction to the Internet	٠
Checked Items to:		0:14 1.4
	1.2 Internet Culture	0.06 0.6
	1.3 Internet Netiquette	0.16 1.6
Add to Book	1.4 Advantages and Disadvantages of the Internet	0.26 2.6
-	145 1.5 <u>Technical Issues</u>	0.25 ' 2.5
	CHAPTER 2: E-Mail and Finding Addresses	
	CHAPTER 3: Mailing Lists and UseNet News	
	CHAPTER 4: Telnet, FTP, and Locating Files	
	CHAPTER 5: Gopher and WAIS	
	CHAPTER 6: The World Wide Web and HTMI	; 1
		-148
	CHAPTER 7: Live Communications on the Inter	0.11 1.1
·		0.36 3.6
	1 143 4 — 7 12 ————————————————————————————————	0.54 5.4
	CHAPTER 8: Java	
	CHAPTER 9: Computer Security and the Intern	net
	CHAPTER 10: Appendix	•
		* Approximate
ENIOSADY		
— (EMISSARY)	© 1998, 1999, 2000BYF	PRENTICE HALLING



HOME | ABOUT E SOURCE | REGISTER LOGIN | LIBRARY | MY BOOK OUTLINE | FACULTY RESOURCES | HELP

QUICK HELP Your Book Snapshot | Sections: 4 View My Book This is Your Custom Book Outline ✓ View Book **Add Your Book Title** Content (IPM) to: **Internet Basics** Add Content Move **Checked Items to:** . Move Items Remove **Checked Items** Remove Undo **Last Action** Undo Last Clear My Book Clear Book **Submit My Request** with Prentice Hall **Submit Request** 2

Pages: 20.0 Net Price: US \$ 2.00

To select another Custom Book Outline, or to create new Custom Book Outline, click on the red "CBO" button



	Contents	Price	Pgs.
	VOLUME 1		
K	Table of Contents	0.60	6
K	Preface	0.90	9
	CHAPTER 1: Introduction to the Internet — 146		
	Spotlight: Computer-Integrated Manufacturing \(\)	0.16	1.6
	1.1 History	0.14	1.4
	1.2 Internet Culture	0.06	0.6
	1.3 General Netiquette	0.16	1.6
	1.4 Advantages and Disadvantages of the Internet	0.26	2.6
	1.5 Technical Issues	0.25	2.5
	Summary/Key Terms ——154	0.02	0.2
	CHAPTER 2: Live Communications on the Internet — 148	•	
	Spotlight: Barcode Technologies Solutions/Objectives/Science/Engineering	0.06	0.6
	2.1 IRC: Internet Relay Chat	0.36	3.6
	2.2 The Future of Live Communications	0.54	5.4
	★」 Summary/Key Terms/Problems — 154	0.04	0.4
X	Index	0.50	.5
	TOTAL	.05	40.5
		* Approx	ımate

FIG. 13



HOME | ABOUT E SOURCE | REGISTER LOGIN | LIBRARY | MY BOOK OUTUNE | FACULTY RESOURCES | HELP

My Custom Content

Your Book Snapshot | Sections: 4 | Pages: 20.0 | Net Price: US\$7.00

Enter Your Custom Content Below.

Please enter your Custom Content below using the provided interface. You may enter as much or as little new material as you would like. ESource will save your material as a section. Simply enter your material hitting the **Enter More Custom Content** button every time you want a new section. ESource provides the following formatting tools.

Section Headings: Enter text in the Title Box and it will appear as a section head.

Paragraph Entries: Type the body of you text into this box. You may also use the cut-and-paste feature of your word processor to enter large blocks of text. All line breaks and spacing will be reproduced as entered.

Computer Code: to enter computer code, choose the "Code Sample" option for your paragraph entry.

Any material entered will be reproduced in a standard programming code typestyle. To switch back to regular code, click the Enter More Custom Content option at the bottom of the page, and begin a new section.

When complete, press the **Save in My Book Outline** button to include this information in your ESource book.

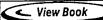
Your Custom Content Title The Internet Wave Your Custom Content The following Paragraph entries are © Code Sample © Standard Text This is a sample chapter/section. | Save In My | Enter More | Back to My | Book Outline | Book Outline | Book Outline | Book Outline | Custom Content | Book Outline | Custom Content | Custom Conte



HOME | ABOUT E SOURCE | REGISTER LOGIN | LIBRARY | MY BOOK OUTLINE | FACULTY RESOURCES | HELP

QUICK HELP

View My Book



Add Your Content (IPM) to:



Move Checked Items to:

Move Items

Remove **Checked Items**

Remove

Undo **Last Action**

Undo Last

Clear My Book

Clear Book

Submit My Request with Prentice Hall Submit Request

Your Book Snapshot | Sections: 19 | Pages: 40.5 | Net Price: US\$9.04

* Approximate

To select another Custom Book Outline, or to create new Custom Book Outline, click on the red "CBO" button

CBO

This is Your Custom Book Outline

Book Title

Internet Basics

	Contents	Price :	Pgs.
	VOLUME 1		
	X Table of Contents	0.60	6
	X Preface	0.90	9
	CHAPTER 1: Introduction to the Internet		
	Sections/Objectives/Science/Engineering Spotlight: Computer-Integrated Manufacturing	0.16	1.6
l	1.1 <u>History</u>	0.14	1.4
ļ	1.2 Internet Culture	0.06	0.6
	1.3 General Netiquette	0.16	1.6
	1.4 Advantages and Disadvantages of the Internet	0.26	2.6
	1.5 <u>Technical Issues</u>	0.25	2.5
l	★ Summary/Key Terms	0.02	0.2
ļ	CHAPTER 2: Live Communications on the Internet		
l	Sections/Objectives/Science/Engineering Spotlight: Barcode Technologies	0.06	0.6
١	2.1 IRC: Internet Relay Chat	0.36	3.6
۱	2.2 The Future of Live Communications	0.54	5.4
۱	Summary/Key Terms/Problems	0.04	0.4
ļ	CHAPTER 3: New Chapter		
١	Custom Content: The Internet Wave ——164	n/a	0.0
	1 Index	0.50	.5
	TOTAL \$	9.04	40.5

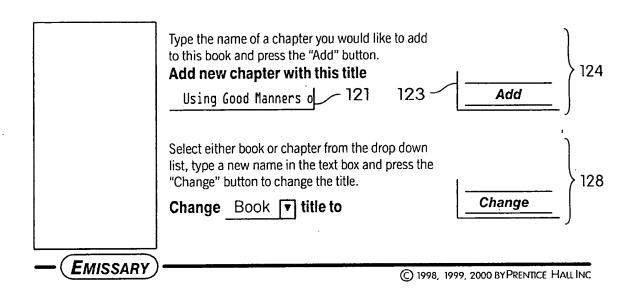


FIG. 15B



HOME | ABOUT E SOURCE | REGISTER LOGIN | LIBRARY | MY BOOK OUTLINE | FACULTY RESOURCES | HELP

OUICK HELP	MY BOOK OUTLINE		
,	Your Book Snapshot Sections: 20 Pages: 40.5 Net Price	e: US\$9	.04
View My Book	To select another Custom Book Outline, or to create new Custom Book Outline, click on the red "CBO" button)	
View Book	This is Your Custom Book Outline		
	∼ 176		
Add Your Content (IPM) to:	Book Title Internet Basics		
	Contents	Price	Pgs.
	VOLUME 1		1
Add Content	Table of Contents	0.60	6
Move	★ Preface	0.90	9
Checked Items to:	CHAPTER 1: Introduction to the Internet		
	 168 ★ Sections/Objectives/Science/Engineering Spotlight: Computer-Integrated Manufacturing 	0.16	1.6
Move Items	170 1.1 <u>History</u>	0.14	1.4
	- 170 1.2 <u>Internet Culture</u>	0.06	0.6
Remove Checked Items	1.3 General Netiquette	0.16	1.6
Remove	1.4 Advantages and Disadvantages of the internet		2.6
	- 172 1.5 <u>Technical Issues</u>	0.25	2.5
Undo	Summary/Key Terms	0.02	0.2
Last Action	CHAPTER 2: Live Communications on the Internet		
Undo Last	─174 Sections/Objectives/Science/Engineering Spotlight: Barcode Technologies Spotlight: Bar	0.06	0.6
Clear My Book	2.1 IRC: Internet Relay Chat	0.36	3.6
Clear Book	1 2.2 The Future of Live Communications	0.54	5.4
Clear Book	Summary/Key Terms/Problems	0.04	0.4
Submit My Request with Prentice Hall	CHAPTER 3: New Chapter		
Submit Request	180 Custom Content: The Internet Wave	n/a	0.0
	CHAPTER 4: Using Good Manners on the Internet ——16	5	
	★ Index	0.50	.5
	TOTAL	9.04	40.5



HOME | ABOUT E SOURCE | REGISTER LOGIN | LIBRARY | MY BOOK OUTLINE | FACULTY RESOURCES | HELP

QUICK HELP View My Book View Book **Add Your** Content (IPM) to: Add Content Move **Checked Items to:** Move Items Remove **Checked Items** Remove Undo **Last Action** Undo Last Clear My Book Clear Book **Submit My Request** with Prentice Hall **Submit Request**

MY BOOK OUTLINE

Your Book Snapshot | Sections: 20 | Pages: 40.5 | Net Price: US\$ 9.04

To select another Custom Book Outline, or to create new Custom Book Outline, click on the red "CBO" button



0.16

0.50

\$9.04

1.6

.5

40.5

This is Your Custom Book Outline

- 17	6		
••	Book Title	•	
	Internet Basics Contents	Price	Pgs.
	VOLUME 1		
*	Table of Contents	0.60	6
*	Preface	0.90	9
	CHAPTER 1: Introduction to the Internet		
	Spotlight: Computer-Integrated Manufacturing	0.16	1.6
	1.1 History	0.14	1.4
	1.2 Internet Culture	0.06	0.6
	✓ 1.3 General Netiquette	0.16	1.6
	1.4 Advantages and Disadvantages of the Internet	0.26	2.6
	1.5 <u>Technical Issues</u>	0.25	2.5
	★ Summary/Key Terms	0.02	0.2
	CHAPTER 2: Live Communications on the Internet		
	Sections/Objectives/Science/Engineering	0.06	0.6

1.5 <u>Technical Issues</u>	0.25	2.5
Summary/Key Terms	0.02	0.2
CHAPTER 2: Live Communications on the Internet		
Spotlight: Barcode Technologies	0.06	0.6
2.1 IRC: Internet Relay Chat	0.36	3.6
2.2 The Future of Live Communications	0.54	5.4
Summary/Key Terms/Problems	0.04	0.4
CHAPTER 3: New Chapter		
Custom Content: The Internet Wave	n/a	0.0
CHAPTER 4: Using Good Manners on the Internet		

FIG. 17

4.1 General Netiquette —

Index

TOTAL



HOME ABOUT E SOURCE REGISTER LOGIN LIBRARY MY BOOK OUTLINE FACULTY RESOURCES HELP

MY BOOK OUTLINE

Your Book Snapshot | Sections: 20 | Pages: 40.5 | Net Price: US\$ 9.04

Custom Table of Contents

The following is a Sample HTML version of the ESource book you created.

Click om any of the titles to view to contents of each section. To see a formatted sample of an ESource book, choose Sample Books from the

Library menu and click on any of the PDF icons.

Internet Basics	·
VOLUME 1	
Table of Contents	1
Preface	6
CHAPTER 1: Introduction to the Internet	15
Sections/Objectives/Science/Engineering Spotlight: Computer-Integrated Manufacturing	15
1.1 <u>History</u> — 190	16
1.2 Internet Culture	18
1.3 Advantages and Disadvantages of the Internet	18
1.4 Technical Issues	21
Summary/Key Terms	23
CHAPTER 2: Live Communications on the Internet	23
Sections/Objectives/Science/Engineering Spotlight: Barcode Technologies	23
2.1 IRC: Internet Relay Chat	24
2.2 The Future of Live Communications	28
Summary/Key Terms/Problems	33
CHAPTER 3: New Chapter	33
Custom Content: The Internet Wave	23
CHAPTER 4: Using Good Manners on the Internet	33
4.1 General Netiquette	33
Index	35

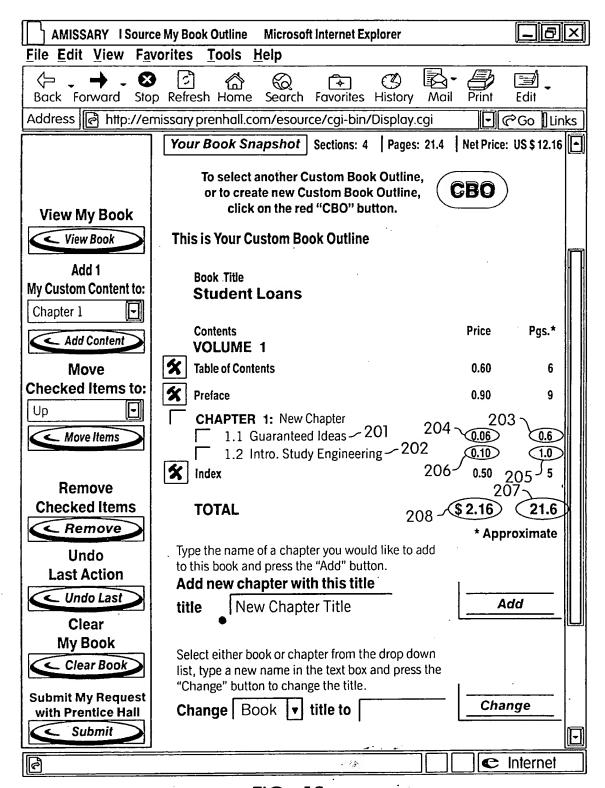


FIG. 19 5

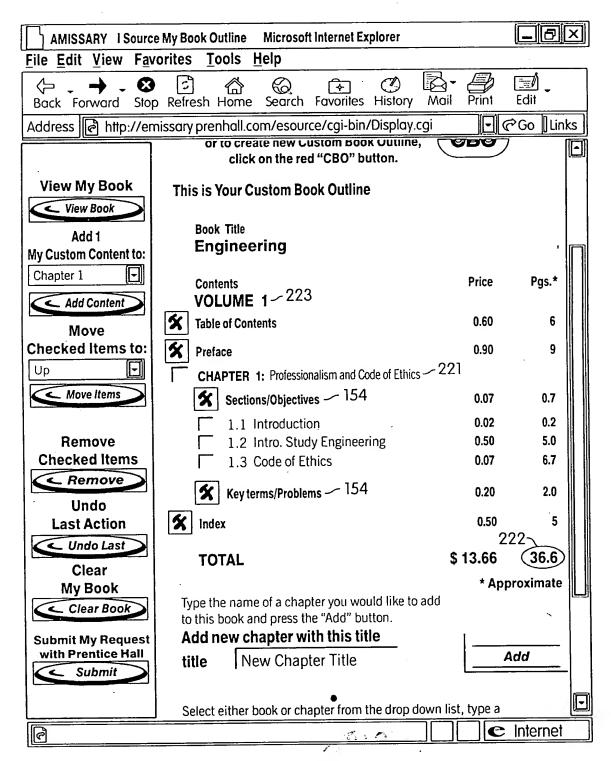


FIG. 20A

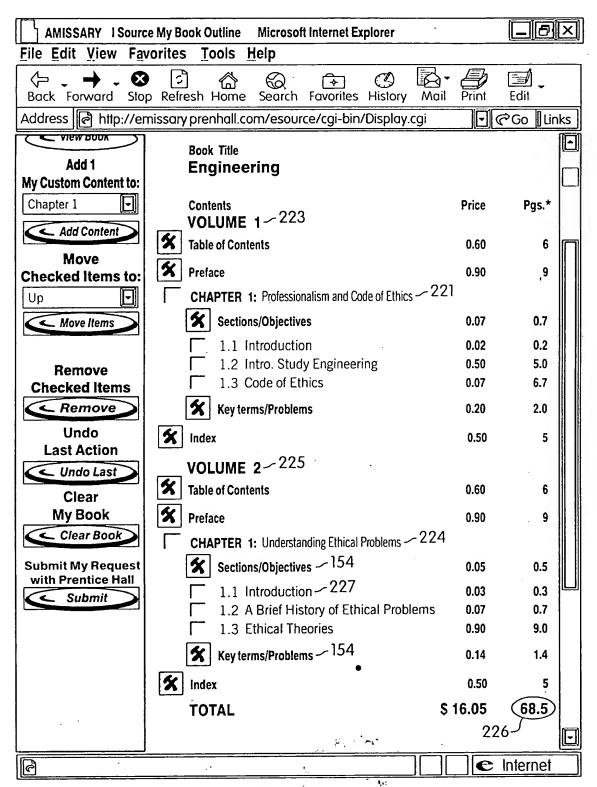


FIG. 20B

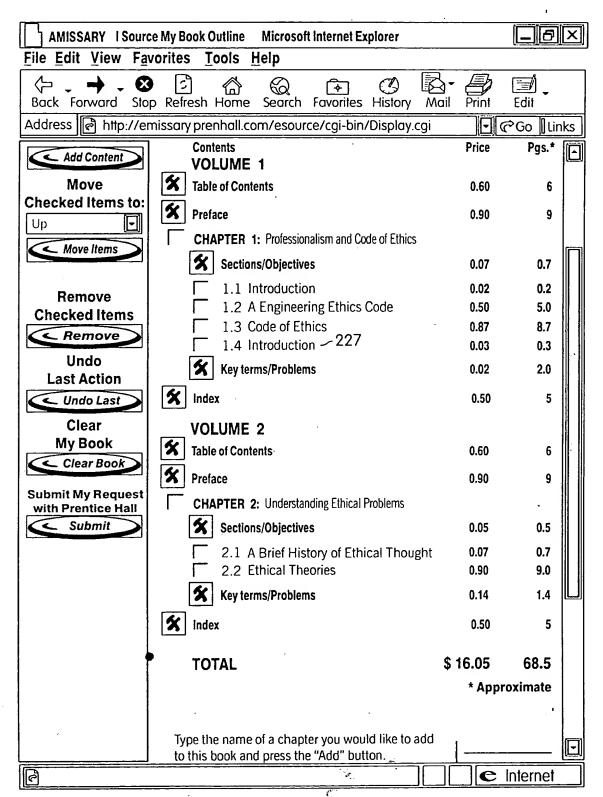


FIG. 20C

	ce My Book Outline Microsoft Int	ernet Explorer			
The Edit Tiew 19	THE PRENTICE HALL ENGINEERING SOURCE				
Ном	1	RY MY BOOK OUTLINE FACULTY RESOURCES HELF			
→ Browse Library	SEARCH (CONTENTS			
Search Contents	The Prentice Hall ESource lets you locat the contents in our library.	e the exact material you need by searching th	nrough all		
▶ Ready Made Books	Search All Titles for Indexe study OR skills	d Words 231 CBO			
	AND Search for Words Found in Ch	apter Titles 232 CBO			
·	AND Search for Words Found in Sea study OR skills	etion Titles 233	4		
	Examples				
	Index Terms				
	Single Word Search	Internet			
	Multiple Word Search	Internet Applications	-		
·		Note: Multiple word searching will ret all instances of Internet or Application	111 11		
	Chapter or Section Titles				
	Single Word Search	Internet			
•	Phrase Search (optionally)	Internet Applications Internet Applications			
	Multiple Word Search using AND	Internet AND Application			
@ * -	Document Done		2		
	FIG. 21A	(A)			
		್ಷಣ ಕ್ಕ			

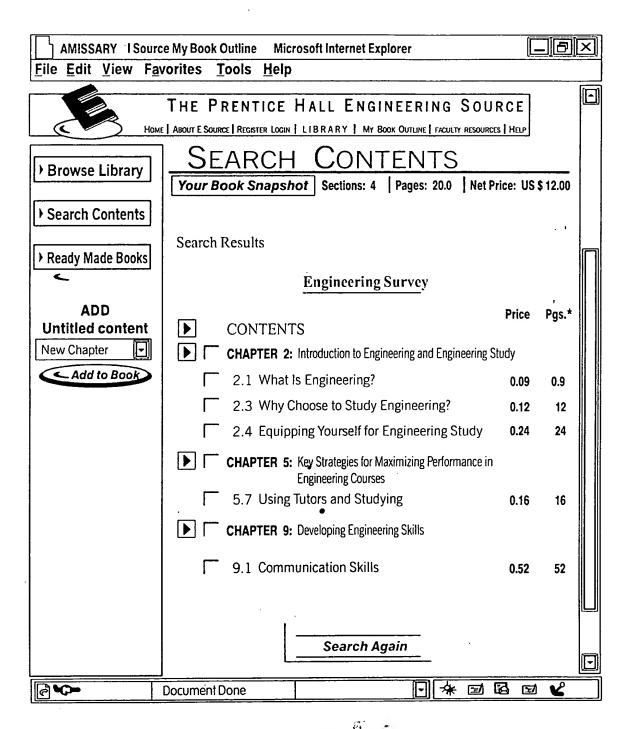


FIG. 2]1B

System Administrator Main Menu

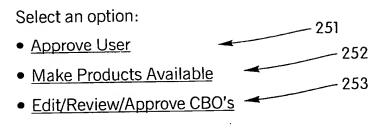


FIG. 22A

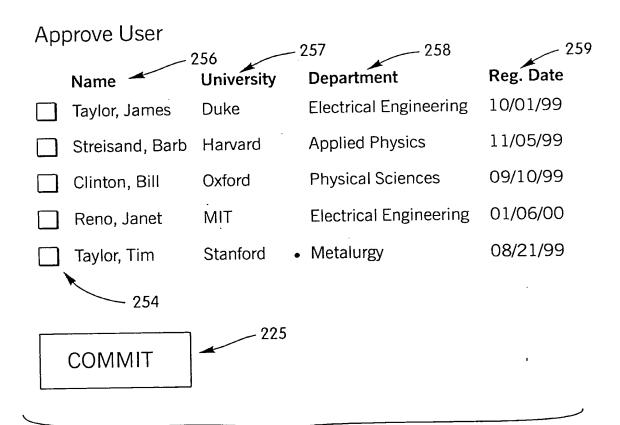
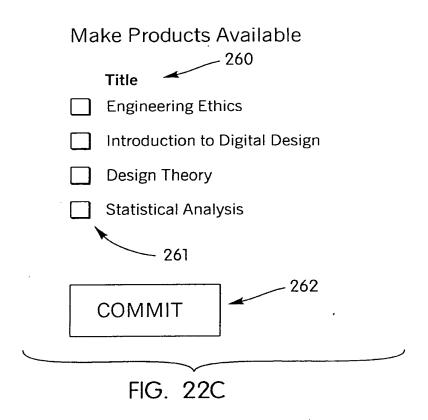


FIG. 22B



Submitted Custom Books 271	272
CBO Title	Owner
Fundamental Engineering Concepts	Taylor, James
Technical Interships: Gaining Hands-On Experience	Bill Clinton
Ethical Dilemmas in the Engineering Field	Al Gore
Basic Study Skills	Al Bundy
Approach to Statistical Methods	Janet Reno

FIG. 22D

Submitted Custom Books

	281 282 283	_
A	oprove Reject Return	
	VOLUME 1: New Custom Book Volume Number 1]
G	Table of Contents	
G	Preface	
	CHAPTER 1: New Chapter	204
	Custom Content: New IPM Section	284
	IPM Element 1: New IPM Section New IPM Section Text Code A	
	286	288
	◆	.
	Editor's Comments:	
	(none)	
	007	
	287	
	· ·	
	T P]
		31
	CHAPTER 2: Professionalism and Code of Ethics	
	Professionalism and Code of	
	Ethics/Sections/Objectives	
	2.1 Introduction	
	2.2 <u>Is Engineering a Profession?</u>	
	2.3 Code of Ethics	
	CHAPTER 3: Introduction	
	3.1 Background Ideas	
	3.2 Why Study Engineering Ethics?	
	3.3 Personal vs. Business Ethics	
	3.4 The Orgins of Ethical Thoughts	
	FIG. 22E	

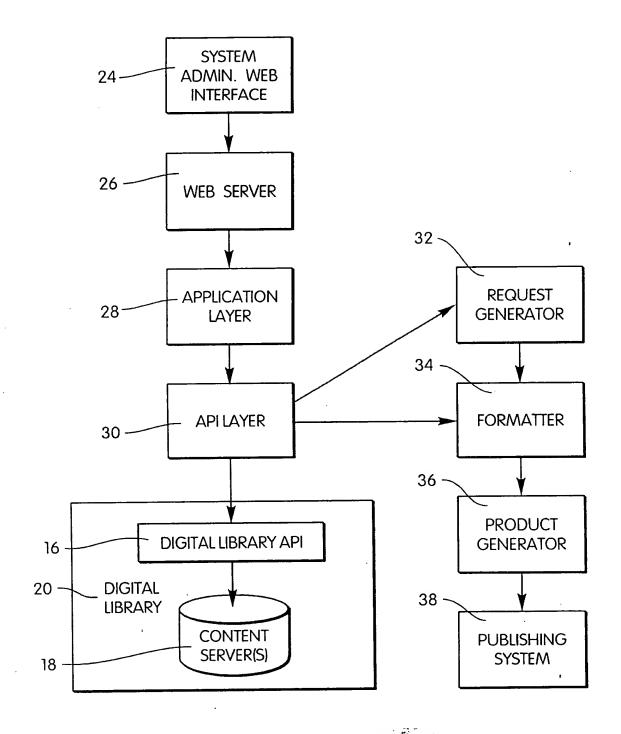
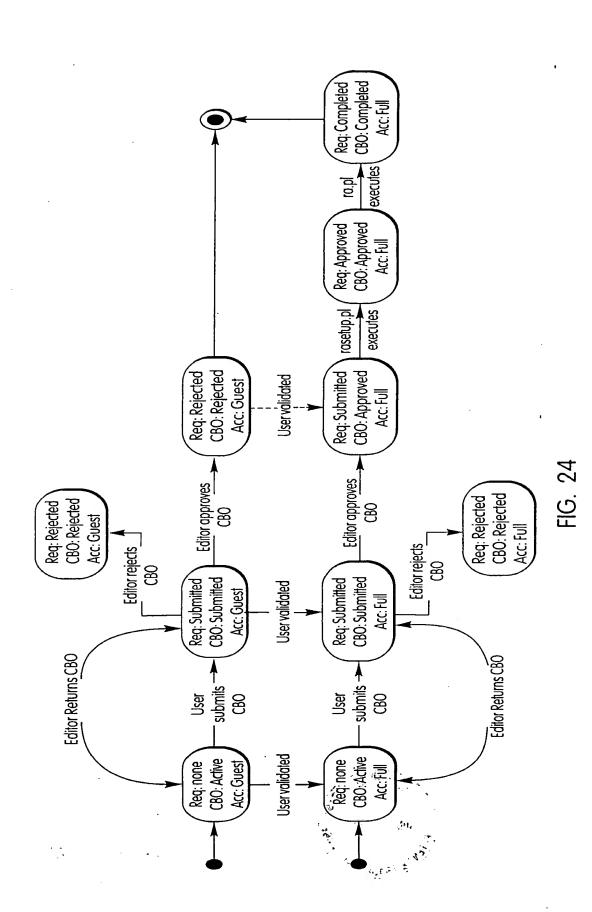


FIG. 23



L